



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION VII
726 MINNESOTA AVENUE
KANSAS CITY, KANSAS 68101

FAX COVER SHEET

TO: Brian Yeich Sheller-Globe	
FAX NO: 203-378-4958	
CONFIRMATION NO:	
FROM: Brian Mitchell	
PHONE: 913-551-7633	MAIL CODE: WSTM/RCRA/IOWA
DATE: 10-21-92	NUMBER OF PAGES TO INCLUDE THIS COVER LETTER 7

COMMENTS

(XEROX COPIER 7020)	FAX MACHINE NO:	VERIFICATION NUMBER:
WSTM	COMMERCIAL 913-551-7063	913-551-7052
SPFD	FTS 2000 276-7063	276-7052
RCRA/IOWA	913-551-7521 OR 276-7521	913-551-7058 OR 276-7058
MAIL ROOM COMMERCIAL 913-551-7467		913-551-7211
FTS 2000: 276-7467		276-7211

PAGE ____ OF ____

RECYCLE ♻️

TRANSMISSION REPORT

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NO	REMOTE STATION I.D.	START TIME	DURATION	#PAGES	COMMENT
1	2033781400	10-21-92 7:35AM	5'12"	7	

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RCRA RECORDS CENTER



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276-7211

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FAX COVER SHEET

TO: Mr. Brian Yeich Sheller - G l o b e	
FAX NO: 203-728-6570	
CONFIRMATION NO:	
FROM: Brian Mitchell	
PHONE: 913-551-7633	MAIL CODE: WSTM/RCRA/IOWA
DATE: 10-21-92	NUMBER OF PAGES TO INCLUDE THIS COVER LETTER 7

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SFFD	FTS 2000 276-7063	276-7052
RCRA/IOWA	913-551-7521 OR 276-7521	913-551-7058 OR 276-7058
MAIL ROOM COMMERCIAL 913-551-7467		913-551-7211
FTS 2000: 276-7467		276-7211

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NO	REMOTE STATION I.D.	START TIME	DURATION	#PAGES	COMMENT
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TOTAL 0:03'49" 7

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REGION VII
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FAX COVER SHEET

TO: Mr. Brian Yeich
Sheller - Globe

FAX NO: 203-728-6570

CONFIRMATION NO:

FROM: Brian Mitchell

PHONE: 913-551-7633

MAIL CODE: WSTM/RCRA/IOWA

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PAGE ____ OF ____



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION VII
726 MINNESOTA AVENUE
KANSAS CITY, KANSAS 66101

Faxed

Mr. Brian Yeich
Sheller-Globe Corporation
c/o United Technologies Corporation
United Technologies Building
Hartford, Connecticut 06101
Fax #s-203-728-6570 & 203-378-4958

Re: Former Sheller-Globe Facility
Keokuk, Iowa
EPA ID # IAD005136023
Docket No. VII-91-H-0040

Dear Mr. Yeich:

Attached is a draft letter approving the RFI Work Plan. Please review and comment on this letter and provide me with any comments you have ASAP! Also, please provide me with the following information ASAP:

1. Provide the MSDSs for TDI, thiourea, and ethylene thiourea.
2. State how much of each of the following chemicals have been delivered to the facility: TDI, thiourea, ethylene thiourea, 2-nitropropane, ethoxy ethanol, pyridine, cyclohexanone, ethyl ether, ethyl acetate, trypan blue, & endosulfan.
3. Provide a map of the facility showing all underground piping and where the piping starts and ends at the facility and what the piping is/was used for.

Once I get your comments and the information requested I will be able to finalize the letter and we can get RFI work underway. Thanks for your cooperation and patience so far.

Sincerely,

Brian Mitchell 10/29/92
Brian Mitchell
IOWA Section



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION VII
726 MINNESOTA AVENUE
KANSAS CITY, KANSAS 66101

Certified Mail

Return Receipt Requested

Article Number: P 354 904 386

Mr. Brian Yeich
Sheller-Globe Corporation
c/o United Technologies Corporation
United Technologies Building
Hartford, Connecticut 06101

Re: Former Sheller-Globe Facility
Keokuk, Iowa
EPA ID # IAD005136023
Docket No. VII-91-H-0040

DRAFT

Dear Mr. Yeich:

The United States Environmental Protection Agency (EPA) hereby approves the RCRA Facility Investigation (RFI) Work Plan, dated April 1992, which includes the RFI Field Sampling Plan and the RFI Quality Assurance Plan but not the RFI Health and Safety Plan, with the modifications identified in **Enclosure A**, attached.

EPA requests that you contact Mr. Brian Mitchell of my staff, who may be reached at (913) 551-7633, twenty (20) days prior to each sampling event.

Please address all questions concerning this letter to Mr. Mitchell. Thanks for your cooperation.

Sincerely,

Jim Callier
Chief, IOWA Section

Enclosure

5 Copied:

Joseph A. Gregg, Esquire
Eastman & Smith
800 United Savings Building
Toledo, Ohio 43604

Harold Gibson
Schlegel Sealing Systems, Inc.
1555 Jefferson Road
P.O. Box 23197
Rochester, New York 14692-3197

Mr. David Dods
Woodward-Clyde Consultants
5055 Antioch Road
Overland Park, Kansas 66203

Dale Guariglia, Esquire
Bryan, Cave, McPheeters, & McRoberts
500 North Broadway
St. Louis, Missouri 63102-2186

Alesia Whitney-Knight
Solid Waste Section
Iowa Department of Natural Resources
Wallace State Office Building
Des Moines, Iowa 50319

DRAFT

Enclosure A

DRAFT

General Modifications

1. All boring logs of borings advanced through fill material must include a labeled horizontal line that depicts the top of the undisturbed native soil.
2. All monitoring well installation diagrams and boring logs must include a notation of the depth to static water table from the top of the casing.
3. All samples taken must be preserved immediately after collection.
4. The sample labels/numbers on all QA samples must not contain information which would allow the lab to identify their nature (i.e., duplicate, blank, etc.). This information should be kept in the field note book only.

Specific Modifications

1. The following objective is added to Section 3.5.1 of the RFI Work Plan: "Evaluate whether hazardous constituents are entering the cooling pond from on-site sources."
2. Section 3.4.2 of the RFI Work Plan and section 2.1 of the RFI Field Sampling Plan is amended with the following statements: "One of the three borings around B-2 and one of the three borings around B-4 will be extended approximately 3 feet below the static groundwater level and a groundwater sample will be taken from each extended boring. The groundwater samples will be analyzed for volatiles using SW-846 Analytical Method 8240, semivolatiles using SW-846 Analytical Method 8270, RCRA metals using SW-846 Analytical Method 6010, pH, conductivity, and salinity."
3. Section 3.5.2 of the RFI Work Plan and section 2.2 of the RFI Field Sampling Plan is amended with the following statement: "One grab sediment sample will be collected from the cooling pond outlet [northwest tip of the cooling pond] and analyzed for volatiles using SW-846 Analytical Method 8240, metals using SW-846 Analytical Method 6010, and semivolatiles using SW-846 Analytical Method 8270."
4. Section 3.6.2 of the RFI Work Plan and section 2.3.2 of the RFI Field Sampling Plan is amended with the following statements: "One boring at the apparent spill area adjacent to building 19A and the machine shop will be extended approximately 3 feet below the static groundwater level and a groundwater sample will be taken from each extended boring. Also, a groundwater sample will

DRAFT

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be taken from monitoring wells OP-1 and OP-3. The groundwater samples will be analyzed for volatiles using SW-846 Analytical Method 8240, semivolatiles using SW-846 Analytical Method 8270, RCRA metals using SW-846 Analytical Method 6010, pH, conductivity, and salinity."

5. The second paragraph in section 2.3.1 of the RFI Field Sampling Plan is deleted and replaced with the following statements: "Surface soil samples will be analyzed for volatiles using SW-846 Analytical Method 8240, semivolatiles using SW-846 Analytical Method 8270, RCRA metals using SW-846 Analytical Method 6010, and extractable petroleum hydrocarbons. The sample portion collected for volatile analysis will not be mixed."

6. Section 3.7.2 of the RFI Work Plan and section 2.4 of the RFI Field Sampling Plan is deleted and replaced with the following statements: "Five soil borings will be installed at the locations identified on drawing 5 of the RFI Work Plan and drawing 4 of the RFI Field Sampling Plan. Additionally, one soil boring will be installed approximately 15 feet east of monitoring well MW-15, one soil boring will be installed approximately 15 feet south of the south entrance of the machine shop, one soil boring will be installed approximately 20 feet west of the west entrance of the machine shop, and one soil boring will be installed approximately 10 feet to the northwest of monitoring well MW-7. Facility personnel will be interviewed to determine why solvent contamination is being found near the machine shop and the loading dock. Two additional borings may be installed based upon interviews with facility personnel. All borings will have soil samples taken from them at the 6"-15" interval and just above the till/fill interface. Another sample may be taken from each boring based upon field screening techniques and best engineering judgement. All soil samples will be analyzed for volatiles using SW-846 Analytical Method 8240, semivolatiles using SW-846 Analytical Method 8270, RCRA metals using SW-846 Analytical Method 6010. Each soil boring will be extended approximately three feet below the static groundwater level and a groundwater sample will be taken and analyzed for volatiles using SW-846 Analytical Method 8240, semivolatiles using SW-846 Analytical Method 8270, RCRA metals using SW-846 Analytical Method 6010, pH, conductivity, and salinity."

7. The second paragraph of section 2.5.1 of the RFI Field Sampling Plan is amended with the following statement: The sides of the test pits will be sloped or shored in order to avoid caving problems."

8. The third bullet item in the second paragraph and the third paragraph of section 2.5.1 of the RFI Field Sampling Plan is deleted.

DRAFT

9. The second paragraph in section 3.8.2 of the RFI Work Plan and the first paragraph in section 2.5.1.2 of the RFI Field Sampling Plan is deleted and replaced with the following statements: "Six grab soil/sediment samples will be taken from each test pit [preferably one from the native undisturbed soils underneath the rubble area and five from within the rubble area]. The exact sampling locations will be determined in the field by representatives of United Technologies and EPA via best engineering judgement and field screening techniques. All samples will be analyzed for volatiles using SW-846 Analytical Method 8240, semivolatiles using SW-846 Analytical Method 8270, and RCRA metals using SW-846 Analytical Method 6010.

10. The first and second sentences of the second paragraph of section 2.5.1.2 of the RFI Field Sampling Plan is deleted and replaced with the following statements: "The samples will be collected in the following manner:"

11. The following is deleted from page 2-15 of the RFI Field Sampling Plan:

- a. The words "composite" and "(not individual aliquots)" from item 1.
- b. Items 5, 7, 8, and 9.

12. The following statement is added to section 2.6 of the RFI Field Sampling Plan and section 3.9 of the RFI Work Plan: "The southern most background boring will extend approximately 3 feet below the static groundwater level and a groundwater sample will be taken from the extended boring. The groundwater sample will be analyzed for volatiles using SW-846 Analytical Method 8240, semivolatiles using SW-846 Analytical Method 8270, RCRA metals using SW-846 Analytical Method 6010, pH, conductivity, and salinity."